Botanical Collection

1880.

Sereno Watson

Watson
N-15a

92

82

91

July 13th Beaver Canon, Ldaho. S

Rosa

Mertensia lanceolata, DC., var.

1. Eritrichium leiocarpum, Watson.

~~Chenopodium~~ S

Monolepis chenopodioids, Moq.

Koeleria cristata, Pers.

= + Astragalus gracilis, Gray S

Trifolium longipes, Nutt. S

2. Gayophytum racemosum, T. & G. S

Gilia liniflora, Benth.

Allium Geyeri, Watson

Melica bulbosa, Geyer

= 3. + Allium brevistylum, Watson

= + Astragalus campestris, Gray S

+ Peucedanum simplex, Nutt. S

4. Symphoricarpus racemosus, Mx. S

Allium reticulatum, Fraser

Festuca occidentalis, Hook.

= Helianthella lanceolata S

= Wyethia amplexicaulis S

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2.

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33.

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37

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87

94

July 13th — over ridge to Sawmill. ✓

5. Clematis Douglasii, Hook. ✓

" 14th — "Red Rock P.O." ✓

6. Rosa blanda, Ait., v. ochigera, Crep.

" 15th — Shinburgis canon. ✓

3. Draba alpina, L. ✓

7. Cheilanthes lanuginosa, Nutt.

" Iris Missouriensis, Nutt.

8. " Eritrichium glomeratum, DC., v. humile, Gr.

9. Pentstemon gracilis, Nutt.

" Menziesii, Hook., var. Scouleri, Gray.

" Anemone multifida, DC. ✓

4 10 Stanleya viridiflora, Nutt. ✓

7 Mentzelia disperma, Watson ✓

" Arnica foliosa? ✓

July 16th — Tenmile bottom. ✓

11 Muscinum trachyspermum, Nutt. ✓

Astragalus terminalis, Watson, n. sp. ✓

12 " Oxytropis nana, Nutt. ✓

"

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68.

11.

19
88

93

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21.

83

July 17th — Terminus Canon, on peak J

13 Carex utriculata, Boott.

Geranium Richardsonii, F. & M. J

14 Synthyris pinnatifida, Watson

Ranunculus glaberrimus, Hook. J

Valeriana sylvatica, Rich. J

Polemonium confertum, Gray

15 Mertensia paniculata, DC.

Myosotis sylvatica, Hoffm., var. alpestris, Koch

Pedicularis contorta, Benth

Aquilegia cærulea, James J

16 Astragalus Palliseri, Gray J

Oxytropis Lamberti, Pursh J

Allium brevistylum, Watson

July 18 — Shinburger's Ranch J

17 Orothera cæspitosa, Nutt. J

" 19 — ~~Ridgeway~~ ~~Wheatgrass Valley~~ Bannock City. J

18 Delphinium Menziesii, DC. J

Trifolium Beckwithii, Brown J

19 Phacelia glandulosa, Nutt.

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35

34

32

59.

33.

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39

July 19th — Ridge above Bannock City.

Sisymbrium linifolium, Nutt.

20 " incisum, Engelm., v. filipes, Gray

Castilleia pallida, Kth., var. Haydeni, Gray?

= Eriogonum Kingii, Tor.

21 ~~Drabe~~ Vesicaria alpina, Nutt.

= Hendersonia cylindrica, Dougl.

Cymoptenus terebinthinus, Tor., var.?

= Lewisia rediviva, Pursh.

Draba alpina, L.

23 Potentilla fundsiana, Lind., v. Stenodonis, Gr.

Allium cernuum, Roth

" reticulatum, Fraser

July 20th — Grasshopper Valley — to Odells.

Tadypodium sagittatum, Endl.

Triphlium Beckwithii, Torr.

= Allium Schoenoprasum, L.

Carex maricida, Boott.

" filiformis, L., v. latifolia, Böckl.

Salix Geyeriana, Andrs. 21.

" —— ?

83

7b

?

July 21. – Grasshopper Valley – E. edulis ✓

Delphinium Menziesii DC. ✓

Valeriana edulis, Nutt. ✓

= Rosa

Cordylanthus ramosus, Nutt.

= Trifolium Breweri, Brewer ✓

Thermopsis montana, Nutt. ✓

= Saxifraga integrifolia, Hook. ✓

Tellima grandiflora, Douglas ✓

Fragaria Virginiana, Ehrh. ✓

Eriogonum umbellatum, Torr.

Zygadenus paniculatus, Watson

July 21st – On Adelis, Bald Mountain.

Urtica Breweri, Watson ? ✓

= Thalictrum occidentale, Gray ✓

Epilobium alpinum, Hong. ? ✓

= Vaccinium Myrtillus, L., var. microphyllum, Hook.

Phlox longifolia, Nutt.

Veronica alpina, L.

Pedicularis contorta, Benth.

Senecio — ?

Senecio — ?

33

44.

55.

54.

July 22d. – Bald Mountain.

Potentilla dissecta, Pursh

33. Ribes viscosissimum, Pursh.

Castilleia miniata, Dougl.

Erythronium grandiflorum, Pk., v. majus

= Draba alpina, L.

Smelowskia calycina, Meyer

34 Phlox caespitosa, Nutt., v. condensata, Gr.

Polemonium confertum, Gray

Eritrichium nanum, Schrad., v. aretioides, Hook.

= Gentiana Rossii, Sw.

35 Douglasia montana, Gray

Silene acaulis, L.

Synthyris pinnatifida, Watson

= Arenaria rosea, L., var. hirta, Watson

" biflora, Watson, var. obtusa

36 Mertensia alpina, Don.

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75

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49

5

July 23d. – Grasshopper Valley – Camp.

Lupinus aridus, Dougl.

37 Musenium Fruchyspermum, Nutt.

Hesperochiron Californicus, Watson

= Galium bifolium, Watson

Carex canescens, L., v. alpicola, Wahl.

" filiformis, L., v. latifolia, Böckl.

= Pedicularis contorta, Benth.

39 " Groenlandica, Retz.

40 = Myathia halicacabroides, Nutt

= Cerastium arvense, L.

Stellaria longipes, Goldie

41 Peucedanum triternatum, Nutt. ?

Orthocarpus luteus, Nutt.

Sisyrinchium mucronatum, Mx

= Agrostis scabra, Willd.

42 Danthonia Californica, Bol.

Koeleria cristata, Pers.

= Festuca occidentalis, Hook.

43 Poa

Triticum caninum, L., var.

Calamagrostis sylvatica, DC., var.

July 25th — Trail Creek Prairie, 10

42

July 24th. — Bigtree Valley & Battleground.

44 Peucedanum tritomatum, Nutt.?
~~Orthocarpus~~ ~~Castilleja~~ tenuifolius, Pentz.
= Arsia Gordoni, Torr.

45 Alopecurus pratensis, L.
= Eriochorium polystachyum, L.

46 Carex utriculata, Boott
Camassia esculenta, Lindl.
= Aira caespitosa, L., var.
Triticum repens, L.

47 Hordeum nodosum, L.
Poa

48 = Frasera albicaulis, Dougl.
= ~~Ranunculus alismaefolius, Geyer,~~
Viola canina, L., var. rupestris, Regel

49 Sedum stenopetalum, Pursh.
Eriogonum flavum, Nutt
= Pentstemon confertus, Dougl., var.
= Androsace filiformis, Retz.
Carex Geyeri, Boott

Acer platanoides, Linn.

3.

Basis of descent – Norman Conq.

63

July 26th – Trail Creek Divide. ✓

Xerophyllum

52

" " = Descent to Ross' Hole. ✓

53 Pentstemon ovatus, Dougl.

54 = Rosa

= Clematis verticillaris, DC. ✓

55 Linnæa borealis, Gron. ✓

Pyrola chlorantha, Sw., v. occidentalis, Gr.

Pedicularis racemosa, Dougl.

= Spiræa betulæfolia, Pall. ✓

56 (Neillia) Physocarpus opulifolius, Max. ✓

Rubus Nutkanus, Moç. ✓

= Hypericum Scouleri, Hook. ✓

57 Campanula rotundifolia, L.

= Rosa

58 Glycosma occidentale, Nutt. ✓

= Potentilla vulgaris, L.

59 Anaphalis Lyallii = Lyall, Gibson. ✓

= Rosa

60 Shepherdia Canadensis, Nutt.

=

5b.

3

67.

Cairn from Ross' Hole to Biltmore-Valley

2b

July 26th — Descent to Ross' Hole — noon camp

Arenaria lateriflora, L. ✓

61 Gentiana Amarella, L., v. acuta, Watson

Carex aurea, Nutt.

62 = Geum ~~rivale~~ L. ~~macrophyllum, Willd~~ ✓

= Sedum Douglasii, Hook. ✓

63 Pyrola rotundifolia, L., v. incarnata, DC

3 3. = Clematis verticillaris, DC. ✓

7. 64 Sphæralcea ~~coccinea~~ coccinea, Nutt. ✓

Rosa

= Sanicula Marylandica, L. ✓

65 Peucedanum ✓

6 = Corydalis aurea, Willd., var. occidentalis, Gray ✓

Mentzelia dispersa, Watson ✓

66 Chenopodium Fremontii, Watson

= Thlaspi alpestre, L.

Collomia parviflora, Dougl.

67 Allium cernuum, Roth.

Phleum pratense, L.

= Ferula multifida, Gray ✓

68 Pentstemon [illegible]

Selaginella rupestris, Spring

15

45

Rock Creek Camp. 53.

July 26th – Cañon from Rossi Hole to Bitterroot –

69 Philadelphus Lewisii, Pursh

70 = Pentstemon ovatus, Dougl.

= Ranunculus multifidus, Pursh

71 Echinospermum diffusum, Lehm.

= Symphoricarpus racemosus, Mx.

72 Lilia liriflorum, Utt., v. pheasnacoides, Eu.

Eritrichium muricatum, Torr.

July 27th – Bitterroot Valley

73 Silene Menziesii, Hook.

Monarda fistulosa, L., v. mollis, Utt.

74 = Fritillaria atropurpurea, Nutt.

Convallaria bifolia, Nutt.

75 = Symphoricarpus racemosus, Mx., v. pauciflorus, Robbins

76 = Stellaria capillaris, Poir.

Rosa

Mimulus floribundus, Dougl.

= Rosa

77 Centunculus minimus, L.

Orthocarpus tenuifolius, Benth.

= Epilobium coloratum, Nutt.

Polemonium cœruleum, L., var.

5

1.

23

Ridge above Grimsdale

July 29th Bitterroot Valley

Asclepias speciosa, Torr.

79 Brodiaea Douglasii, Watson

= Monarda fistulosa, L., v. mollis, Bth.

Pentstemon pauciflorus, Pursh

" mollis, L., v. occidentalis, Rydberg

= Steironema ciliatum, Raf.

5 = Anemone cylindrica, Gray

= Carex straminea, Schk.

Aug. 2d. — Missoula to government Canon

1. Clematis ligusticifolia, Nutt.

= Cornus pubescens, Nutt.

Echinosperm Redowskii, Lehm., v. occidentale, W.

Sambucus racemosa, L., var. pubens, ~~Hooker~~

Rosa blanda, Ait., v. setigera, Crep.

3 = Actaea spicata, L., var. rubra, Ait.

Plantago erispoda, Torr.

= Angelica Lyallii, Watson — n. sp.

= Heuchera cylindrica, ~~Nutt.~~ Dougl.

~~Synthyris rubra, Benth.~~

Hieracium Scouleri, Hook., var.

Habenaria Unalaschensis, Watson

Woodsia Oregana, Eaton

Missouri

Aug. 2d. – Ridge above Missoula ✓

Sitene Oregona, Watson ✓

= Synthyris rubra, Benth.

" 4th = Convolvulus sepium, L.

" " = Missoula to Frenchtown ✓

Astragalus Mortoni, Nutt. ✓

Symphoricarpus occidentalis, Br. ✓

Pentstemon confertus, Dougl., v. purpuro-caeruleus, Gr.

= Stachys palustris, L.

= Myriophyllum spicatum, L. ? ✓

Potamogeton perfoliatus, L.

" maximus, L., v. occidentalis, Robbins ?

= Scutellaria galericulata, L.

Potamogeton pectinatus, L. ?

Carex filiformis, L., v. latifolia, Böckl

= Juncus tenuis, Willd.

= Thalictrum occidentale, Gray ✓

= Polygonum Convolvulus, L.

Phalaris arundinacea, L.

= Scrophularia Californica, Cham.

Polygonum Muhlenbergii, Watson

61.

09

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30

89

Sunday camp.

Aug. 5th — Cascade Canon, Missoula

Claytonia cordifolia, Watson — n. sp.
Trillium ovatum, Pursh.
Phegopteris Dryopteris, Fée.
= Tiarella unifoliata, Hook.
= Linnaea borealis, Gronov.
Moneses uniflora, Gray
= Arcenthobium [illegible]

= Pachystima myrsinites, Raf.
Lonicera Utahensis, Watson
Chimaphila umbellata, Nutt.
Lycopodium annotinum, L.
= Vaccinium myrtilloides, Hook.
Calochortus —— ?

Aug. 6th — Rattlesnake Canon, Missoula
Heuchera cylindrica, Dougl.
" 7th — Hellgate Canon.
Arabis —— ?
Astragalus microcystis, Gray
= Cornus stolonifera, Mx.
=

41.

38

Ridge between Hellgate & Big Blackfoot rivers

85

Big Blackfoot Valley

41

Jocko Range

95

Jocko Lake

Aug. 8th — Hellgate Canon — Sunday Camp

Viola Canadensis, L. ✓

Phalaris arundinacea, L.

9th = Peucedanum ambiguum, Nutt. ✓

Triticum caninum, L.

= Pleuroberaon trifolius, Dougl.

Munroa squarrosa, Torr.

= Euphorbia dichysperma, F. & M.

= Thelypodium integrifolium, Endl. ✓

Gaura coccinea, Spach. ✓

10th = Anemone multifida, Poir. ✓

= Steinanthium occidentale, Gray

= Astragalus adsurgens, Pall. ✓

11th = Silene Oregona, Watson ✓

12 Utricularia vulgaris, L.

Marsilia vestita, Hook. & Grev.

13th = Xerophyllum tenax, Nutt.

= Hedysarum boreale, Nutt. ✓

= Ranunculus Nelsonii, Gray ✓

Mimulus Lewisii, Pursh

= Gilia ~~Loreacea, Gray~~ debilis, Watson

47.

Lolo Peak -

23

70

Lolo Creek Cañon - Noon camp

23

77

Aug. 13th — Jocko Cañon.

Silene Douglasii, Hook.
Lophanthus urticaefolius, Britt.
= Saxifraga bronchialis, L.
Polemonium humile, Willd.
= Spiraea discolor, Pursh. var. pulchellum, Gray
= Lonicera ciliosa, Poir.
=

Aug. 17th — Lolo Peak camp

Fragaria Virginiana, Duch., v. Illinoensis, Gr.
" 18th Corallorhiza multiflora, Nutt.
Habenaria Unalaschensis, Watson
Goodyera Menziesii, Lindl.
= Aconitum Columbianum, Nutt.
Rhamnus alnifolius, Mx.
Veratrum viride, Ait.
12 C.. 19th = Boykinia major, Gray
= Aconitum Columbianum, Nutt.
Lupinus Burkei, Watson
Spiraea ~~betulaefolia~~ Douglasii, Hk., v. Menziesii, Prel, Pall.
Cornus Canadensis, L.

Warm Spring meadow. 51

52.

54.

57.

11.

13

43

Aug. 19th — Lolo Creek Canon — near Camp.

Mertensia paniculata, Don

Carex festiva, Dew., v. gracilis, Olney

= Stellaria longipes, Goldie

Claytonia lanceolata, Pursh.

Hypericum anagalloides, Ch. & Schl.

Galium bifolium, Watson

Veronica scutellata, L.

Carex canescens, L., v. alpicola, Wahl.

Aug. 20th — Near Lolo Pass Divide, Idaho.

Sagina linnaei, Presl

Ligusticum apiifolium, Gray?

Collinsia parviflora, Dougl.

Veronica serpyllifolia, L.

Streptopus amplexifolius, DC.

= Mengiesia glabella, Gray

= Mitella pentandra, Hook.

Clintonia uniflora, Kth.

= Ranunculus alismaefolius, Geyer

v. alismellus, Gray

" orthorhynchus, [illegible]

Viola sarmentosa, [illegible]

Sambucus racemosa, L., var. pubens 17

57.

61.

At Clear water

Shady ridge - north slope 20

Snow Camp - [illegible] 31

43.

29.

First Peak — 53.

Aug. 20th. – Below Lolo Divide, Idaho

Trollius Laxus, Salisb.

= Arenaria macrophylla, Hook.

Claytonia cordifolia, Watson.

Mitella pentandra, Hook.

Polemonium humile, Willd.,
var. pulchellum, Gray

= Pyrola secunda, L.

= Aquilegia flavescens, Watson

21st. – Arabis ——?

Potentilla glandulosa, Lindl.

" gelida, Meyer

Viola sarmentosa, Dougl.

Bryanthus empetriformis, Gray

= Arabis lyallii, Watson

Polygonum polymorphum, Ledb.

Eriogonum flavum, Nutt.

= Pentstemon attenuatus, Dougl.

= Arenaria capillaris, Poir.

Phlox Hoodii, Rich.

Synthyris reniformis, Bth., v. major, Hook.

12

52

3

Camp Peak

Indian Camp 80

Ridges above Clear Water

10.

72

Aug. 21st – Lolo Trail – Ridges

2 Ranunculus affinis, Br. ✓
2 Arenaria congesta, Nutt. ✓
Tiarella multifida, Gray ✓
8 & = Anemone nemorosa, L. ✓
Epilobium origanifolium, Lam. ✓
" 22 = Lupulus spadicea, DC., var.
" 23 = Lupinus Lyallii, Gray, var.? ✓
Boykinia major, Gray ✓
Calochortus elegans, Pursh, v. nanus, Wood
= Lonicera Utahensis, Watson ✓
Pedicularis contorta, Benth.
Asarum candatum, Lindl.
= Corydalis Curricii, Watson ✓
" 24 = Coptis occidentalis, Nutt. ✓
Rhododendron albiflorum, Hook.
Pyrola secunda, L.
Corallorhiza Mertensiana, Bong.
= Pentstemon confertus, Dougl., v. cer. pusp., Gray
= Ceanothus sanguineus, Pursh ✓
Rubus nivalis, Dougl. ✓
Rosa gymnocarpa, Nutt.
Pyrola picta, Smith – dentata

4

76

Fish Camp. 35.

Meadow

Martin's Ranch 81

Clearwater Plateau 48.

Lost Creek

Near Rockford — moon

Upper Spokan Valley, near Ft. Coeur d'alene

Lake Coeur D'Alene 84

Aug. 25th — [illegible]

Crantzobteria grandis, Mutt.

Thermopsis montana, Nutt.

= Sidalcea malvaeflora, Gray, var. (S. virgata, Gray)

Geranium Richardsonii, F. & M.

Aster junceus, L.

" 26 = Frasera thyrsiflora, Hook.

= Calochortus nitidus, Dougl.

= Trifolium albissimum, Dougl.

Gilia interrexta, Jend.

Pentstemon ~~attenuatus, Dougl~~ — ? — nov. P. albidus

~~Veronica~~ ~~Segophora~~ serpyllifolia, L.

Veronica Americana, Schwein.

1558 27 = Silene Scouleri, Hook.

= Epilobium paniculatum, Nutt.

" 29 = Rosa ? Gymna, Watson

Sept. 1 = Spiraea rubra, Pursh.

Polygonum polygaloides, Meissn.

" 2 = Eriogonum nivenum, Benth.

Arenthobium robustum, Engelm.

= Frasera decumbens, Benth.

Carex Saliva, Wahl., v. minor, Boott.

Near Coeur d'Alene Mission

Coeur d'Alene Cañon.

St. Regis Canon, Milk Ranch

Lower Bitterroot Canon

Spokane Falls 50.

60.

Fort Colville

Sept. 2. Coeur d'Alene Lake.

Downingia elegans, Dour.

Rosa gymnocarpa, Nutt.

Woodsia Oregana, Eaton

" 4. = Spiraea Douglasii Hook. v. Menziesii J
Prod

" 5 = [illegible]

Parsia hirsuta, Buth. & Hook. J

Pentstemon confertum, Dougl.

" 9 = Physocherpia parviflora, Nutt.

Prozartes trachycarpa, Watson

" 9th = Pentstemon Menziesii, Hook., v. Scouleri, Gray

" 17th = ~~Nitella~~ Chara coronata, Zig., v. Braunii

" 24th = Stellaria borealis, Big.

Mimulus floribundus, Dougl.

Salix

= Polygonum Cuspidatum, Mx.

Eriogonum niveum, Dougl.

" 25 = Claytonia Sibirica, L.

" 0 Hosackia Purshiana, Benth J

Sparganium minimum, Fresh.

" 29 = Rosa

"

= Rubus strigosus, Mx. J

Mimulus tricolor, Gray. J

24

Old Fort Colville

24.

River bed

79

Near Kettle Falls 42.

Sept. 29th — Fort Colville

Rosa blanda, Ait.

= " gymnocarpa, Nutt.

Oct. 2 = Berberis Aquifolium, Pursh.

Downingia elegans, Torr.

" 3 = Fragaria Virginiana, Ehr., v. Ethinomin, Gr.

Sedum stenopetalum, Pursh

Panicum

"

"

Equisetum laevigatum, A. Br.

= Berberis Aquifolium, Pursh

= Astragalus miser, Gray

9 Lupinus minimus, Dougl.

2. = Vicia canina, L., var

Brunella vulgaris, L.

Castilleia miniata, Dougl.

= Eritrichium Californicum, DC.

Physostegia parviflora, Nutt.

Aster

= Pentstemon Richardsonii, Dougl.

Okanagan River

Columbia River bank, below mouth of Okanagan

" " , above mouth of Chilan

" " below the Chilan - east side 63.

24

" " opposite the Nnachem 66.

Oct. 3° – Kettle Falls to Ft. Colville

Gratiola virginiana, L.

Goodyera Menziesii, Lindl

" 9 = Rosa

" 10 = Potamogeton gramineus, L.

= " lonchites, Tuck.

= " pusillus, L.

" pectinatus, L.

" 11 = Eriogonum compositum, Dougl

" 12 = Phlox linearifolia, Gray

Pentstemon Richardsonii, Dougl.

~~Pentstemon~~ Monardella odoratissima, Benth

Chenopodium leptophyllum, Nutt.

" 13 = ~~Hypericum~~ scouleri, Hook.

Eriogonum elatum, Dougl.

= Cheiranthus Menziesii, Bolt.

Monardella odoratissima, Benth

Pentstemon Richardsonii, Dougl.

" 14 = Malvastrum Munroanum, Gray

Eriogonum compositum, Dougl.

var. simplex

Tharsilia vestita, Hook. & Grev.

Acer microphyllum, Pk.

25

Yakima Valley - growth of Swank

Yakima Pass.

11

73

Oct. 16th. — Ridge above Peshastin Canon

Douglasia dentata, n. sp.?

= Berberis nervosa, Pursh J

" 17 = Eriogonum thymoides, Benth.

Allium acuminatum, Hook.

" 19 = Gaultheria Shallon, Pursh

= Spiraea Aruncus, L. J

= Ribes bracteosum, Dougl.

Tiarella unifoliata, Hook. J

Fabria horrida, Bth. J

Vaccinium parvifolium, Sm

Monotropa Hypopitys, L.

" 20 = Calypso bulbosa, DC.

Septanthera pyrolifolia, R. Br. J

Carex vesicaria, L.

Lycoriton Kamtschatcensis, Schott

= Sedum divergens, Watson — n. sp. J

Pentstemon Menziesii, Hook.

= Rubus ursinus, Ch. & Schl. J

" leucodermis, Gray. J

Acer circinatum, Pursh J

= Menziesia glabella, Gray

Gaultheria Myrsinites, Hook.

= Pentstemon Menziesii, Hook., var. Scouleri, Gray

Beaver Canon.

Terminus ~~[illegible]~~. Peak

Shinarpis Canon.

Sanford City.

[illegible] Valley.

Bald Mountain

[illegible] Divide.

Battle Camp.

Trail Creek Camp

Compositae.

May 13. – Mystkia helianthoides, Nutt. 2

amplexicaulis 1

Helianthella lanceolata. ?

" 16. – Fousendia Parryi, Gray. 6
Erigeron tenuis 5
Chaenactis Douglasii. 4

" 15. – Aronica phlinea ? 3

20. – Fousendia Parryi, Gray 6

21. – Erigeron corymbosus 8

Hymenopappus tenuifolius 7

" " Actinella prenanthoides 10

Antennaria racemosa 10

Aronica cordifolia 9

" 23. – Aplopappus uniflorus 11
v. minor 11
Mystkia helianthoides, Nutt. 2

Madia glomerata ? var. 12

Crepis runcinata "

Troxi[illegible] anceum, v var. "

" 24. – Bahia integrifolia 14

Aster chrysomorus 13
" adpressiformis –

" 25. – Microsteris [illegible] 14

Aplopappus chrysophyllus 15

Iron Camp

[illegible]

[illegible]

[illegible]

[illegible] Valley

[illegible]

[illegible] Valley

July 26.	Arnica cordifolia	16
	Antennaria margaritacea	"
	Goldardia fulchella	17
	Erigeron speciosus, aff. merdhu	18
	Tropimon planchum, v. megacephalum	19
	Chrysopsis villosa, v. villosa	20
27	Aster ericoides	21
	Aster [illegible] ludovicianum	"
	Tropimon	"
29	Erigeron canadense	22
	" speciosum	"
30	Solidago [illegible]	

Berberis aquifolium
Lysichiton Kamtschatcense
[illegible]

Ranunculus Nelloni
" orthorhynchus
Coptis occidentalis
Trautvetteria grandis
= Corydalis Cusickii
= Viola sarmentosa
= Silene Oregona
" Scouleri
= Claytonia linearis
" sibirica
= Cerastium [illegible]
= [illegible] Lyallii
Trifolium altissimum
Hosackia decumbens
Spiraea [illegible]
" Douglasii
Rosa gymnocarpa
[illegible] nivalis
= Potentilla gelida
Boykinia major
Tiarella unifoliata
Philadelphus lewisii
= Sedum Douglasii
= Arabis lyallii
= [illegible] hirsuta
=

Lonicera ciliosa
= Downingia elegans
= [illegible] [illegible]
Rhododendron albiflorum
Mimulus glabella
= Gilia debilis
= [illegible] Trifolius
" [illegible]
" [illegible]
" ovatus
Synthyris rubra
" [illegible]
= Phyrotaxia parviflora
= Asarum caudatum
= Polygonum polygaloides
Eriogonum niveum
= Calochortus elegans
Clintonia uniflora
Prosartes Oregana
Trillium ovatum
Xerophyllum tenax
= Lupula [illegible]

Shrubs & Trees

Rhamnus Purshiana

Prunus emarginata

Alnus rhombifolia
viridis

Betula papyracea

Populus trichocarpa

Acer brevipetalum

Thuja gigantea

Larix occidentalis

Abies grandis

Tsuga heterophylla
Pattoniana

Pinus ponderosa
albicaulis
monticola

B[illegible]	
Xerophyllum tenax	Lilium [illegible]
Rosa gymnocarpa	[illegible]
Spiraea [illegible] [illegible]	[illegible]
Angelica Lyallii	[illegible]
[illegible]	P[illegible]
[illegible]	[illegible] [illegible] [illegible]
[illegible] S[illegible]	[illegible]
[illegible] linearis	[illegible] Rhamnus [illegible]
Tiarella [illegible]foliata [illegible]	Prunus emarginatus
[illegible] [illegible]	[illegible] polygaloides
Ranunculus [illegible] [illegible]	Hosac[illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible]
Vi[illegible]	[illegible] parviflora [illegible] [illegible]
Potentilla [illegible]	[illegible] [illegible]
[illegible]	
Lupinus [illegible]	Popu[illegible] [illegible] [illegible] [illegible] [illegible]
Symphoricarpos rubra reniformis	Abies gra[illegible] Tsuga [illegible]

Southeon,

Vesicaria alpina
Astragalus juncens
" campestris
" terminalis
Peucedanum simplex
Mucenium Trachyspermum
Townsendia Parryi
Aster stenomeres
" scopulorum
Actinella grandiflorum
Tonglaria montana
Myosotis cytratica
Pentstemon gracilis
Synthyris primatifida
Allium reticulatum
" brevistylum

Populus angustifolia
Pinus flexilis

~~Clematis Douglasii~~
Vericaria alpina
Astragalus purcens
" campestris
" terminalis
Peucedanum simplex
Musenium trachyspermum
Allium reticulatum
brevistylum
~~[illegible]~~

Synthyris pinnatifida
Pinkertonia parvilis
Myosotis asiatica

Douglasia montana

Townsendia Parryi

Actinella grandiflora

Aster stenomorus
" scopulorum

Populus angustifolia